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## KATTEN MUCHIN ROSENMAN LLP

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John S. Paniaguas	32347					
Phone	Fax					
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RE: Patent Applicanon No.: 10/670,101 Filing Date: September 24, 2003 Inventor: James Matthew Murduck Title: Al/Alo <sub>x</sub> /Al RESISTOR PROCES Confirmation No: 8150	SS FOR INTEGRATED	CIRCUITS		RECEI MAY SI DIPEZU		
Please file the attached: Transmittal Form (1p.) Fee Transmittal Form (1 p.)				RECEIVED		
Patent Application Fee Determination Record (1 p Amendment ( pp.) Petition for Extension of Time (two month) (1 p)	induplicate		÷			
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PTO/\$B/21 (09-04) Approved for use through 07/31/2008, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1895 indipersons are required to respond collection of information unloss it displays a valid OMB control number Application Number 10/670,101 Filing Date TRANSMITTAL September 24, 2003 First Named Inventor **FORM** James Matthew Murquek Art Unit 2815 Examiner Name Workewicz, Edward J (to be used for all correspondence after initial filing) Anomey Docket Number 12-1054 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC ~ Drawing(s) Fee Transmittal Form Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC ~ Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Pention to Convert to a Propnetary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Change of Correspondence Address Afficavits/declaration(s) Other Enciosure(s) (please identity Terminal Disclaimer Extension of Time Request below): Patent Application Fee Determination Record Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(5) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Katten Muchin Roseπman LLP Signature Printed name John S Paniaguas Date Reg. No 31,051 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope aggressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or ristain a benefit by the public which is to Nie (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the provided case. Any comments on the amount of time you require to complete this form analysis suggestions for reducing this burden, should be sent to the Crust information Officer. U.S. Patent and Transman Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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elle A. Reitz

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Effective on 12/08/2004.	Complete if Known		
es pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818).	Application Number	10/670,101	
FEE TRANSMITTAL	Filing Date	September 24, 2003	
For FY 2005	First Named Inventor	James Matthew Murduck	

FOR TY 2005    Appacant clears small entity status   See 37 CFR 1 27     TOTAL AMOUNT OF PAYMENT   (5)   \$450.00   Antomory Dockot No.   12-1054     METHOD OF PAYMENT (check all that apply)   Art Und   2815     Check   Credit Card   Money Order   None   Other (please dematy):     Deposit Account Depose Account Names   60-1214   Depose Account Name   Katten Muchin     For the above-dendined deposit account, the Director is hereby authorized to (check all that apply)     Charge fee(s) indicated below   Charge tree(s) indicated below   Charge energy authorized to (check all that apply)     Charge fee(s) indicated below   Charge tree(s) indicated below   Charge energy authorized to (check all that apply)     Charge fee(s) indicated below   Charge tree(s) indicated below   Reference   Charge tree(s) indicated below   Charge tree(s) indicated below   Charge tree(s) indicated below   Reference   Charge tree   Charge tree   Charge tree(s) indicated below   Reference   Charge tree   Ch	FEE TRANSMITTAL For FY 2005		1	Application Number	) TO	0/6/0,101		
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AT LINE   2815   Actioney Dockst No.   12-1054   METHOD OF PAYMENT (check all that apply)   Check   Credit Card   Money Order   None   Other (please identify):   Peposit Account Depose Account Number   50-1214   Depose Account Number   50-121	Applicant clares small entity status. See 37 CFR 1 27			Examiner Name	V	Vojciechowicz, Ed	tward J.	
METHOD OF PAYMENT (check all that apply)  □ Check □ Credit Card □ Money Order □ None □ Other (please identify): □ Deposit Account Depose Account Number_50-1214 □ Depose Account Names Katten Muchin For the above-denoted depose account, the Director is hereby authorized to (check all that apply) □ Charge fee(s) indicated below □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for fee(s) indicated below, accept for the filing fee □ Charge fee(s) indicated below, accept for fee(s)				Art Unit				
Check Credit Card Money Order Nome Other (please identify):    Deposit Account Depose account number_50-1214 Depose account Name Katten Muchin   For the above-identified deposit account, the Director is heroby authorized to (check all that apply)   Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee with the property of the filing fee	TOTAL AMOUNT OF PAY	MENT (S	5) \$450.00	1	Attorney Docket	No. 1	2-1054	
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-3 or HP = x = HP = nignest number of undependent claims paid for, if greater than 3  3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - 100 = /50 = (round up to a whole number) x = 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): Petteon for Extension of Time (two-month) \$450.00			•	Fee	Paid (S)			
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SUBMITTED BY							
Signature	De	SCON	nzur	Registration No. 31,051	ı	Telephone (	312) 902-5200
Name (Pnnt/Type)	John S. Paniag	juas				Date 5/	27/05

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Attorney Docket No. 12-1054

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Alexandria, VA 22313-1450 on this date - (703)

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## IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.:

10/670,101

Filing Date:

September 24, 2003

Inventor(s):

James Matthew Murduck

Group Art Unit:

2815

Examiner Name:

Wojciechowicz, Edward J.

Customer No.:

Title: Al/AlO<sub>X</sub>/Al RESISTOR PROCESS FOR

INTEGRATED CIRCUITS

Confirmation No.:

8150

Mail Stop Amendment Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

## AMENDMENT

Sir:

In response to the Official Action mailed on December 28, 2004, please enter the following amendment.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.